

The background of the image shows a restaurant interior at night. Large, glowing, yellow-orange spherical pendant lights hang from the ceiling. In the foreground, there's a dark wooden counter or bar area with some equipment visible. The overall atmosphere is cozy and dimly lit.

Restaurant Order Analysis

SQL DATA ANALYSIS
PROJECT

Hello!
I am soumya, In this Guided
Project, I have utilized SQL
Query to solve Questions
related to
Restaurant Orders.



RESTAURANT ORDERS

A QUARTER'S WORTH OF ORDERS FROM A FICTIONAL RESTAURANT SERVING INTERNATIONAL CUISINE, INCLUDING THE DATE AND TIME OF EACH ORDER, THE ITEMS ORDERED, AND ADDITIONAL DETAILS ON THE TYPE, NAME AND PRICE OF THE ITEMS.



RECOMMENDED ANALYSIS

- What were the least and most ordered items? What categories were they in?
- What do the highest spend orders look like? Which items did they buy and how much did they spend?
- How many dishes are in each category?
- what is the average dish price within each category?



WHAT WERE THE LEAST AND MOST ORDERED ITEMS? WHAT CATEGORIES WERE THEY IN?

Result Grid | Filter Rows:

	item_name	category	num_purchases
▶	Hamburger	American	622
	Edamame	Asian	620
	Korean Beef Bowl	Asian	588
	Cheeseburger	American	583
	French Fries	American	571
	Tofu Pad Thai	Asian	562

```
select item_name, category,  
       count(order_details_id)  
as num_purchases  
from order_details od left join  
menu_items mi  
on od.item_id = mi.menu_item_id  
group by item_name, category  
order by num_purchases desc;
```

What do the highest spend orders look like? Which items did they buy and how much did they spend?

```
select order_id, category,  
       count(item_id) as num_items  
  from order_details od  
left join menu_items mi  
    on od.item_id = mi.menu_item_id  
 where order_id in  
(440, 2075, 1975, 330, 2675)  
group by order_id, category;
```

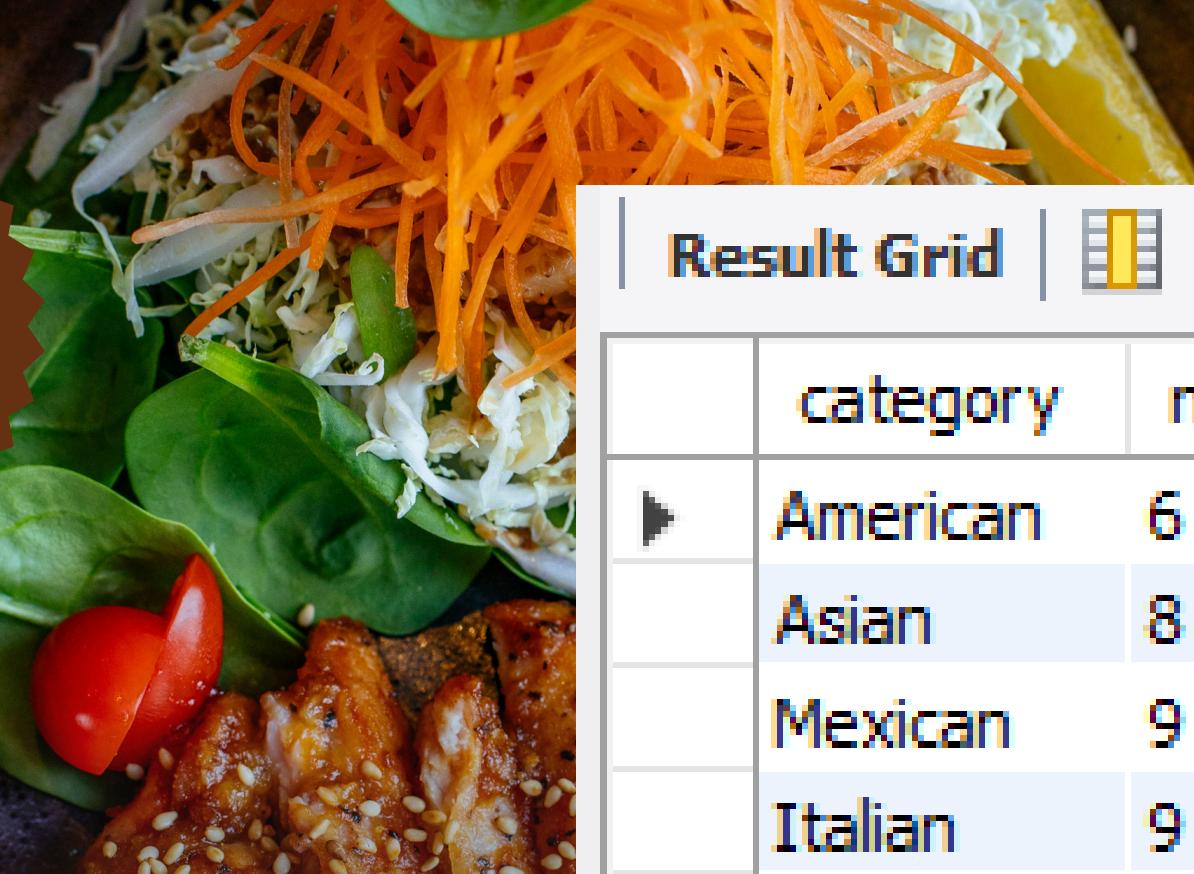
Result Grid | Filter |

	category	num_items
▶	Mexican	2
	American	2
	Italian	8
	Asian	2



DISCOUNT UP TO

50%



Result Grid



Filter R

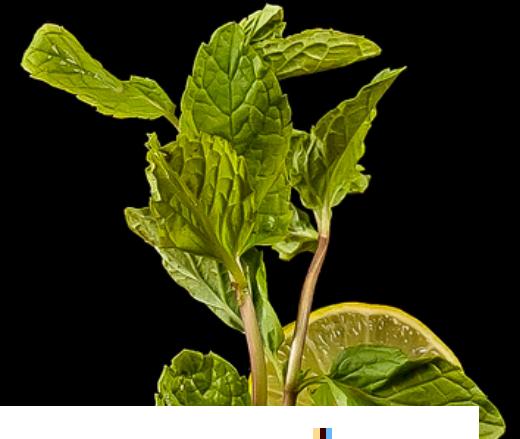
	category	num_dishes
▶	American	6
	Asian	8
	Mexican	9
	Italian	9

```
SELECT category,  
       COUNT(menu_item_id)  
AS num_dishes  
FROM menu_items  
GROUP BY category;
```

How many dishes are in each category?



what is the average dish price
within each category?



```
SELECT category, avg(price) AS avg_price  
FROM menu_items  
GROUP BY category;
```

Result Grid

	category	avg_price
▶	American	10.066667
	Asian	13.475000
	Mexican	11.800000
	Italian	16.750000



Gratitude served on a plate

WISHING YOU A
Happy
Thanksgiving

